



2018 WIDECAST Annual General Meeting
Michael Hiwat – WWF Guianas





Activities of the oceans team of WWF Guianas in Suriname

1. Marine turtle protection
2. Sustainable Fisheries
3. Participatory marine spatial planning
4. Mangroves and coastal protection
5. Dolphin protection
6. Plastic pollution





Activities of the oceans team of WWF Guianas in Suriname

- 1. *Marine turtle protection***
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Marine turtle monitoring

nest

poached nest

false crawls





May	Alusiaka	ALU N	99	13	2						99	13	2		
		ALU Z	166	2	0	1	0	0			167	2	0		
	Alusiaka		265	15	2	1	0	0			266	15	2		
	Babunsanti	BS1	2147	0	569	25	0	0			2172	0	569		
		BS2	2494	0	702	27	0	1			2521	0	703		
	Babunsanti		4641	0	1271	52	0	1			4693	0	1272		
	Eilanti		329	17	38	3	0	0			332	17	38		
	Pruimenboom	PB1	2194	0	558	30	0	0			2224	0	558		
		PB2	2488	16	650	23	0	0	1	0	0	2512	16	650	
		PB3	3051	0	874	18	0	0			3069	0	874		
	Pruimenboom		7733	16	2082	71	0	0	1	0	0	7805	16	2082	
	Thomaskamp		27	0	6	1	0	0			28	0	6		
May Total			12995	48	3399	128	0	1	1	0	0	13124	48	3400	0.4%
Jun	Babunsanti	BS1	229	0	71	16	0	0	3	0	2	248	0	73	
		BS2	320	0	80	18	0	0	2	0	1	340	0	81	
	Babunsanti		549	0	151	34	0	0	5	0	3	588	0	154	
	Eilanti		29	9	7	2	0	0				31	9	7	
	Pruimenboom	PB1	260	0	72	31	0	0	1	0	0	292	0	72	
		PB2	360	3	101	34	0	2				394	3	103	
		PB3	560	26	152	35	0	3				595	26	155	
	Pruimenboom		1180	29	325	100	0	5	1	0	0	1281	29	330	
	Thomaskamp		48	5	8							48	5	8	
Jun Total			1806	43	491	136	0	5	6	0	3	1948	43	499	2.2%
Jul	Babunsanti	BS1	18	0	4	15	0	2	0	0	1	33	0	7	
		BS2	20	0	5	11	0	1	1	0	0	32	0	6	
	Babunsanti		38	0	9	26	0	3	1	0	1	65	0	13	
	Pruimenboom	PB1	32	0	8	18	0	0	1	0	0	51	0	8	
		PB2	42	0	10	11	0	0	1	0	0	54	0	10	
		PB3	83	5	21	18	0	0	0	0	1	101	5	22	
	Pruimenboom		157	5	39	47	0	0	2	0	1	206	5	40	
Jul Total			195	5	48	73	0	3	3	0	2	271	5	53	1.8%
Grand Total			36732	235	9956	356	1	20	10	0	5	37098	236	9981	0.6%

Abbr:

Green turtle (*Chelonia mydas*),
 Hawksbill (*Eretmochelys imbricata*)
 Leatherback (*Dermochelys coriacea*),
 Olive ridley (*Lepidochelys olivacea*),

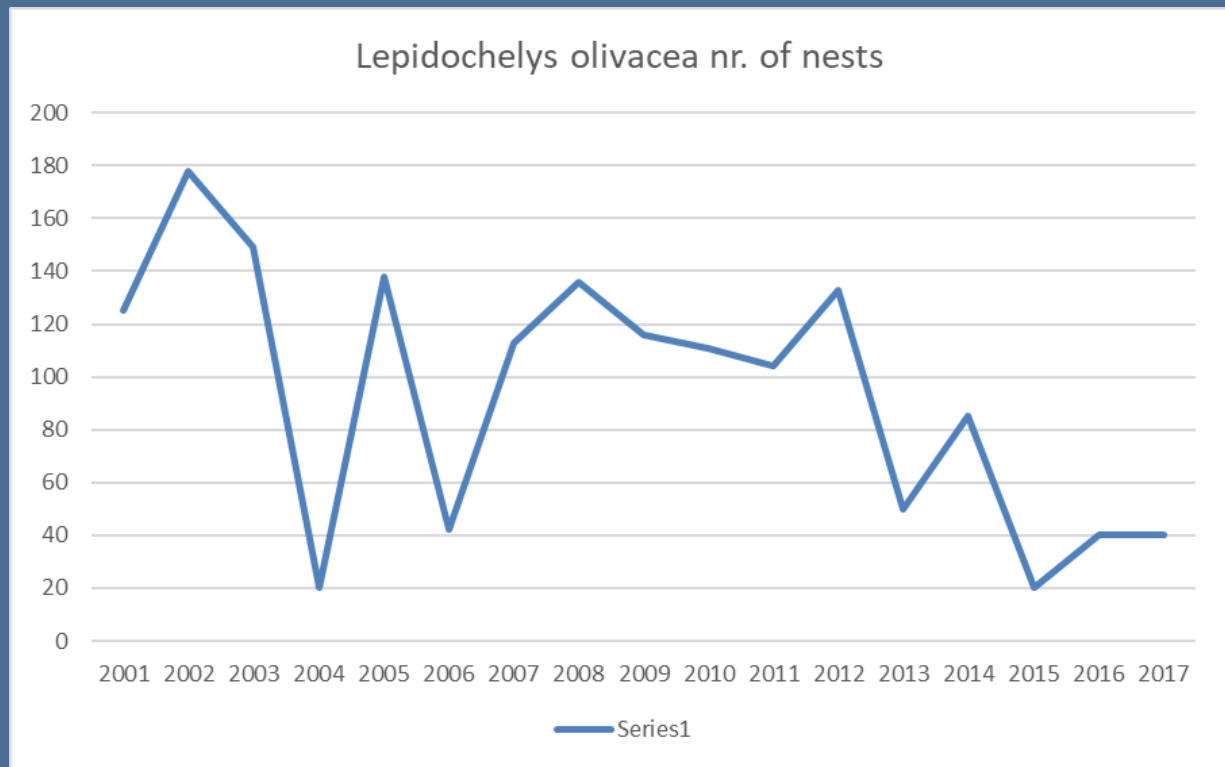
La : Laid nests
 Fc : False Crawls
 Po : Poached

Lepidochelys olivacea

Guyana Olive Ridley	Suriname Warana	French Guiana Tortue olivâtre
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Year	
2001	125
2002	178
2003	149
2004	20
2005	138
2006	42
2007	113
2008	136
2009	116
2010	111
2011	104
2012	133
2013	50
2014	85
2015	20
2016	40
2017	40



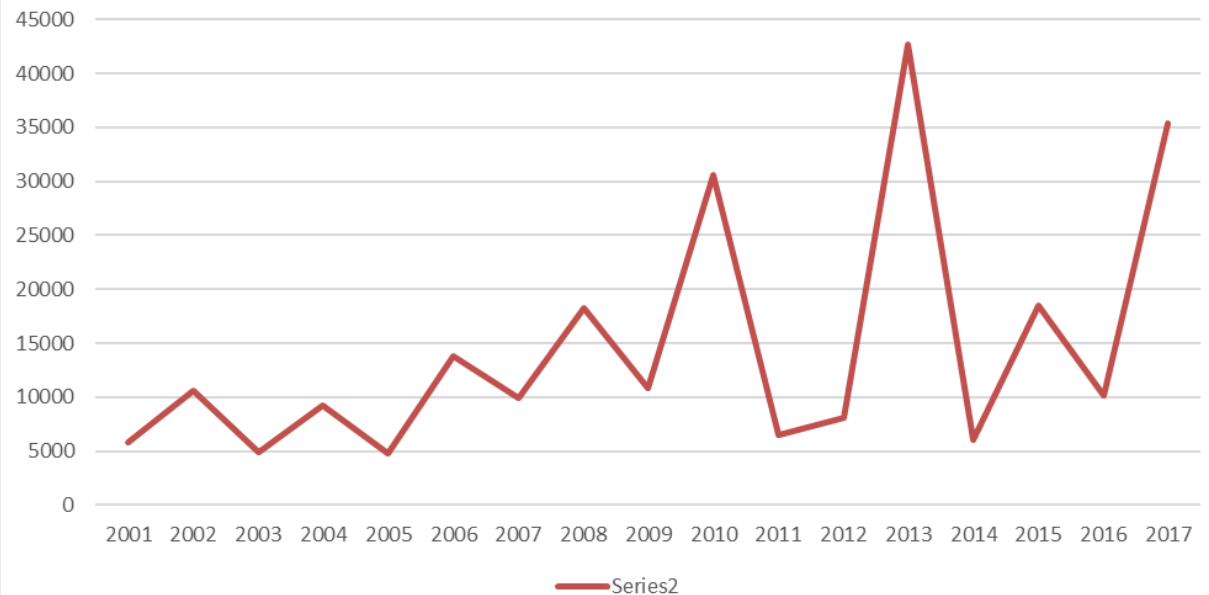
Chelonia mydas

Guyana Green turtle	Suriname Krape	French Guiana Tortue verte
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Year	Suriname
2001	5781
2002	10648
2003	4905
2004	9240
2005	4828
2006	13852
2007	9908
2008	18235
2009	10850
2010	30568
2011	6520
2012	8063
2013	42720
2014	6003
2015	18462
2016	10096
2017	35343

Chelonia mydas nr. of nests

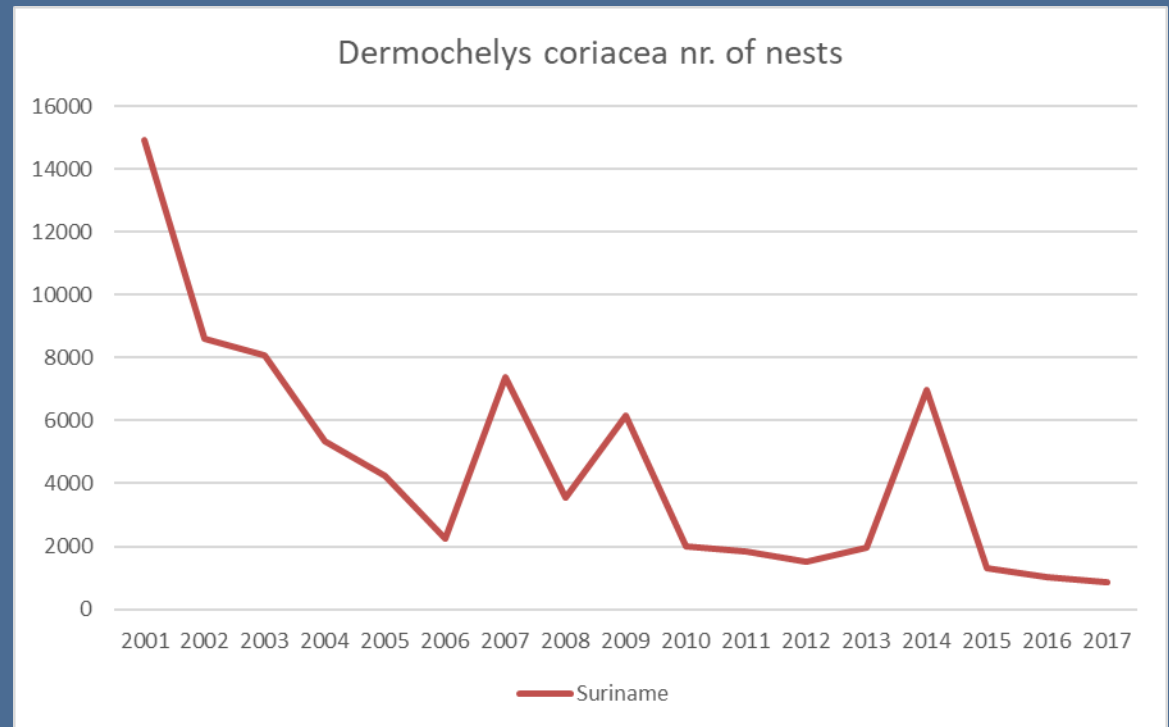


Demochelys coriacea

Guyana Leatherback	Suriname Aitkanti	French Guiana Tortue Luth
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Year	Suriname
2001	14937
2002	8608
2003	8081
2004	5356
2005	4242
2006	2246
2007	7380
2008	3551
2009	6146
2010	1985
2011	1824
2012	1515
2013	1978
2014	6974
2015	1297
2016	1003
2017	842



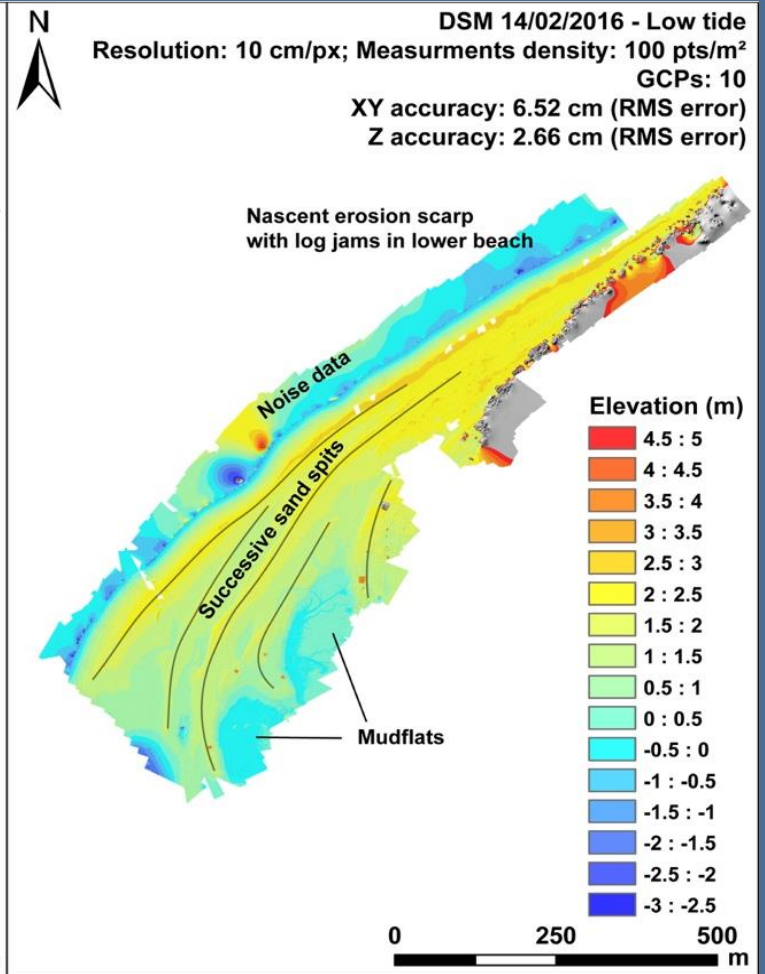
Enforcement









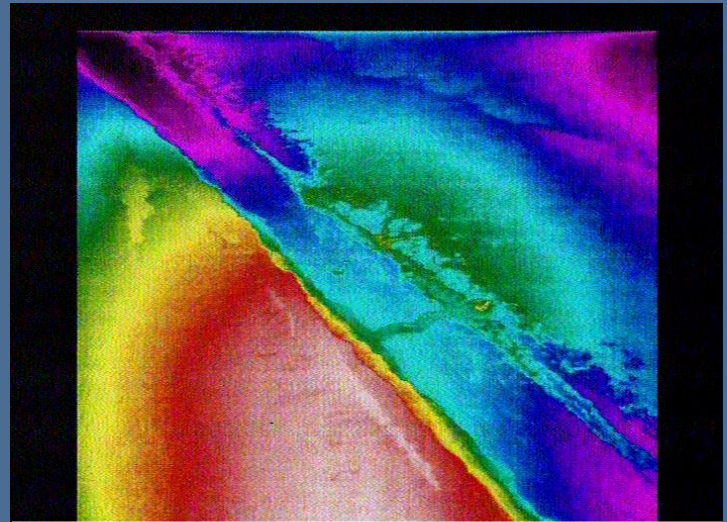




MGRS:21NYG 04220 59368 HDG:229.6
Lat:5.962206 Lng:-55.15513



MGRS:21NYG 04015 59281 HDG:81.7
Lat:5.961424 Lng:-55.15698



MGRS:21NYG 04016 59282 HDG:80.9
Lat:5.96143 Lng:-55.15697



MGRS:21NYG 04107 59278 HDG:89.8
Lat:5.961391 Lng:-55.15615



MGRS:21NYG 04107 59278 HDG:89.7
Lat:5.96139 Lng:-55.15615



Sustainable fisheries

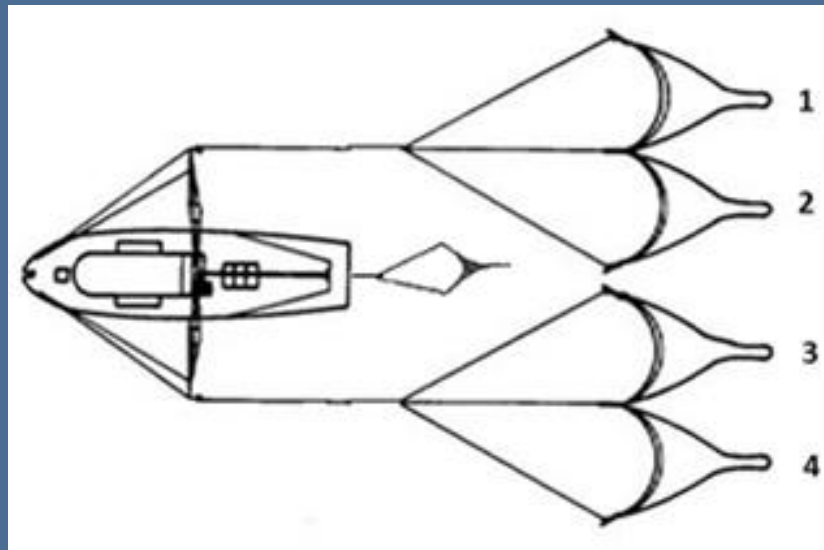




TED Research in Suriname

- 2010 - Trials with foldable TED in finfish fishery (Marisa Fisheries/NOAA/WWF)
- 2013 - Evaluation of 4" TEDs for exclusion of rays in seabob fishery (Heiploeg/ILVO/UGent)
- 2014 - 2016 Evaluation of 2" en 3" TTEDs in seabob fishery (Heiploeg/SAIL/LVV/NOAA/WWF)
- 2017 - Trial with flexible cable TED in finfish fishery (Marisa Fisheries/NOAA/LVV/WWF)
- 2018 – Second trial with adjusted flexible cable





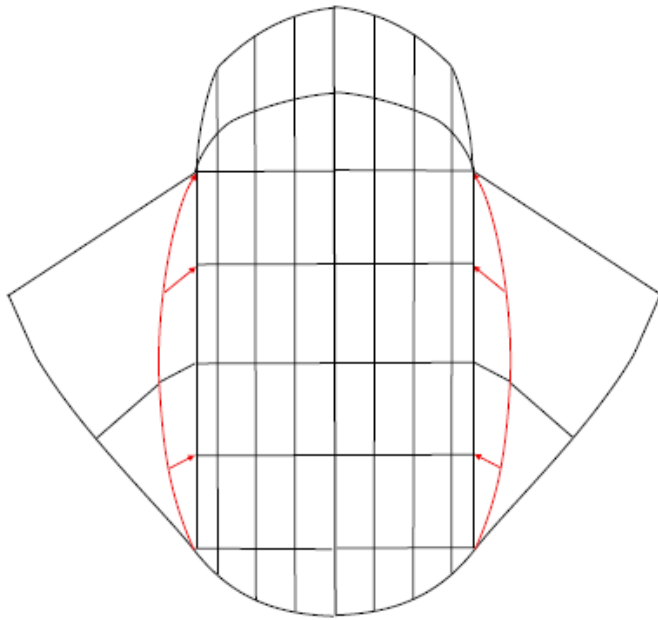




Cable grids: 5" and 7"

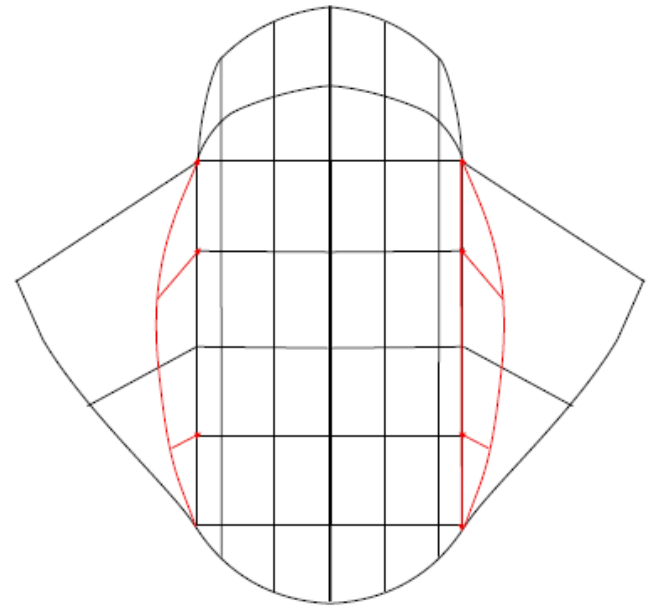
5 Inch
12.7 cm

Suriname Test Grid



7 Inch
17.78cm

Suriname Test Grid



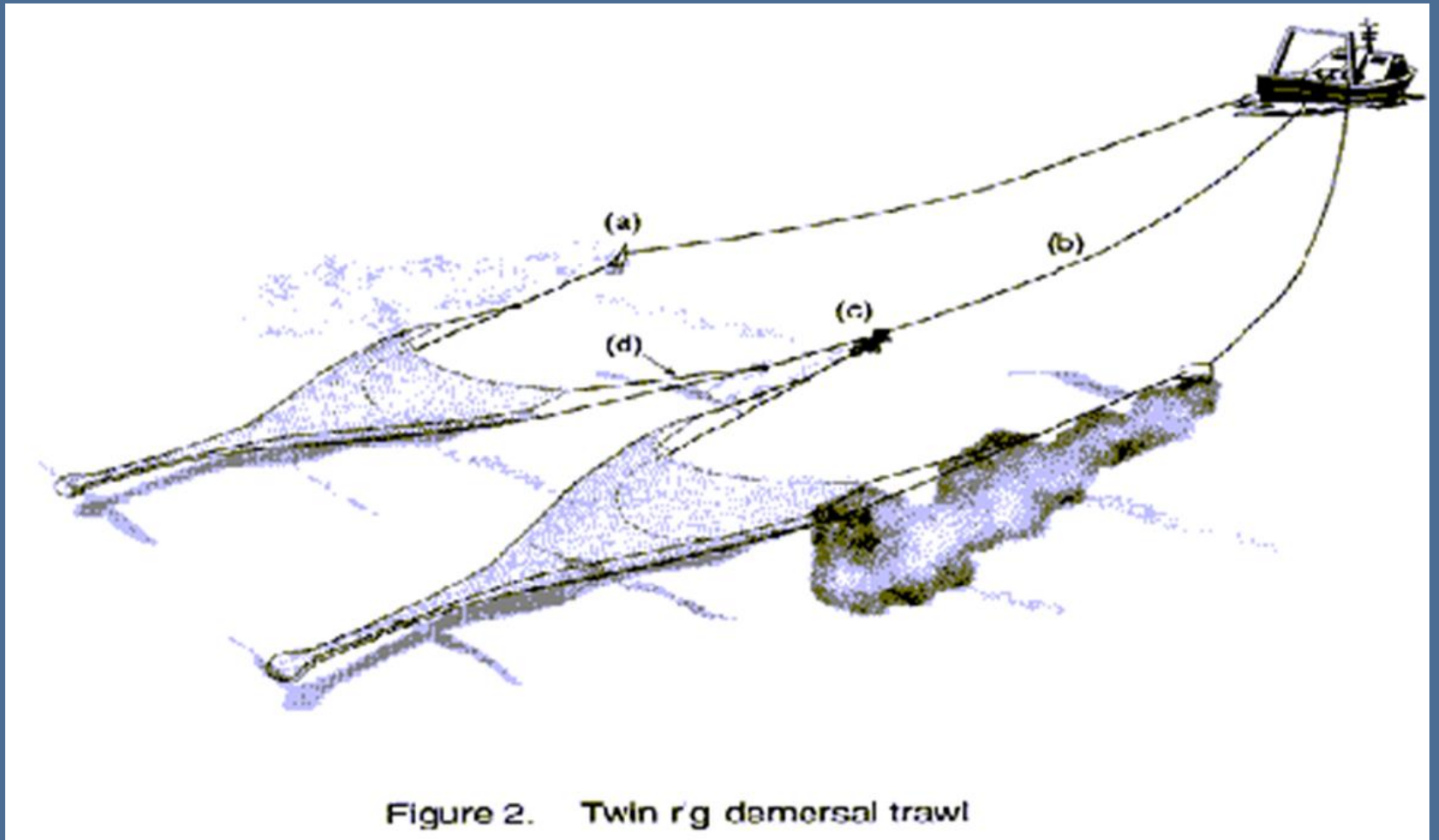
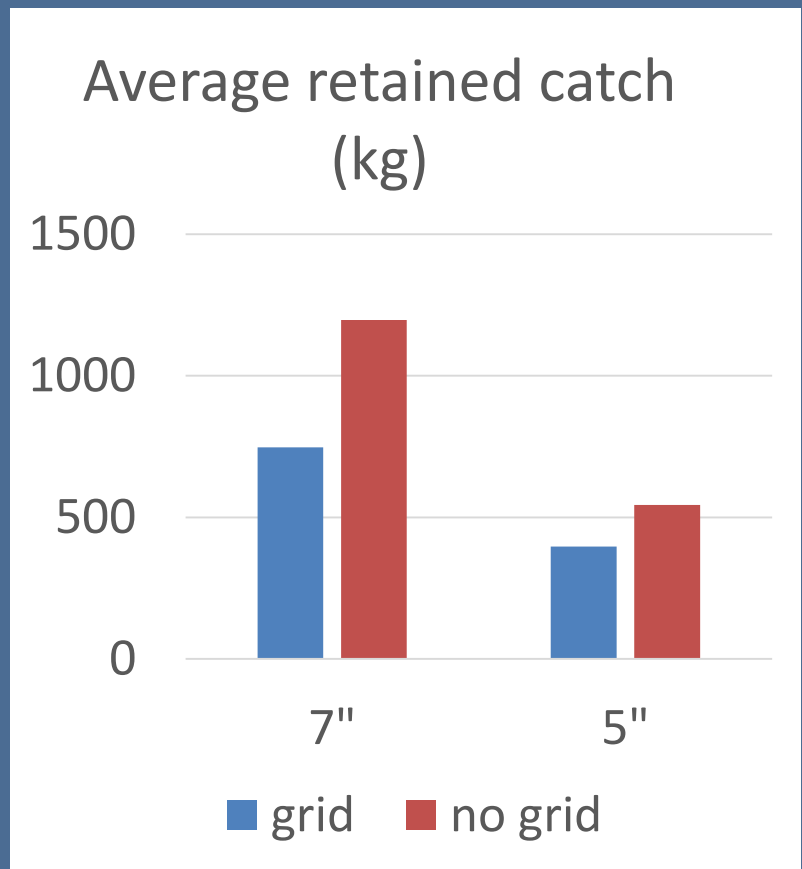
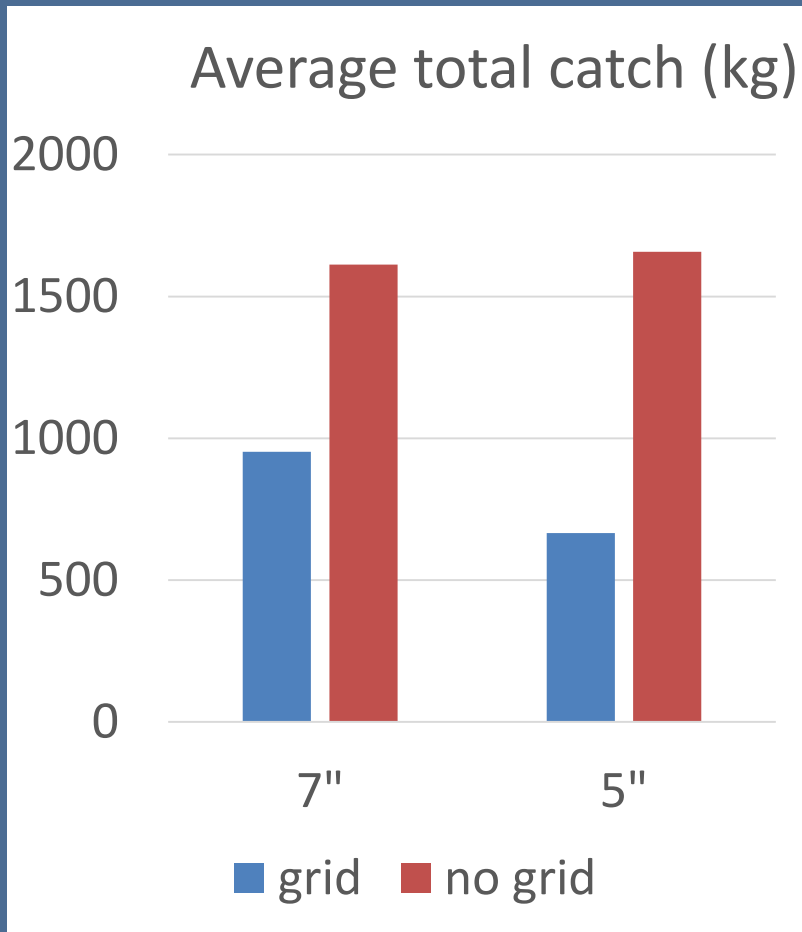
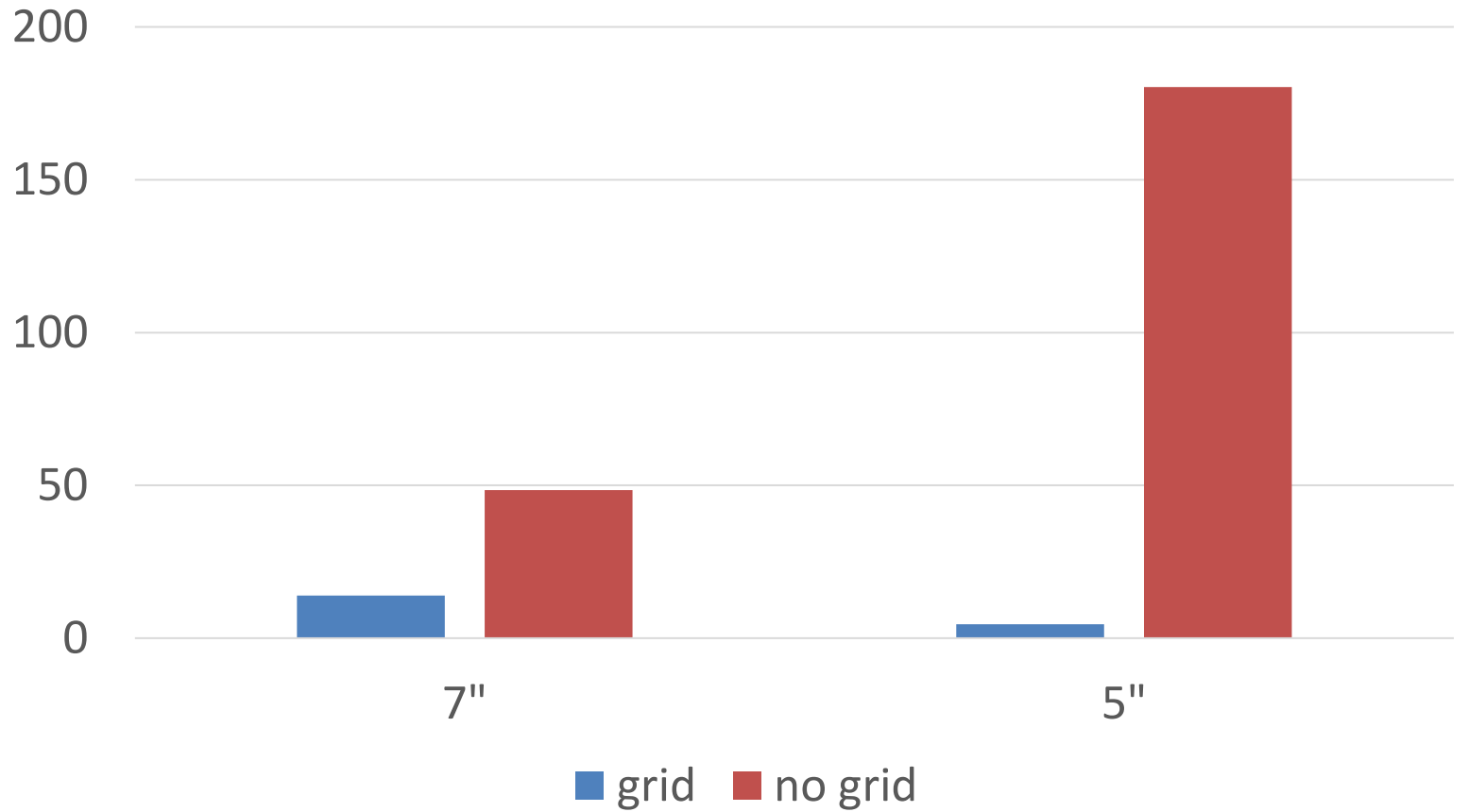


Figure 2. Twin rig demersal trawl



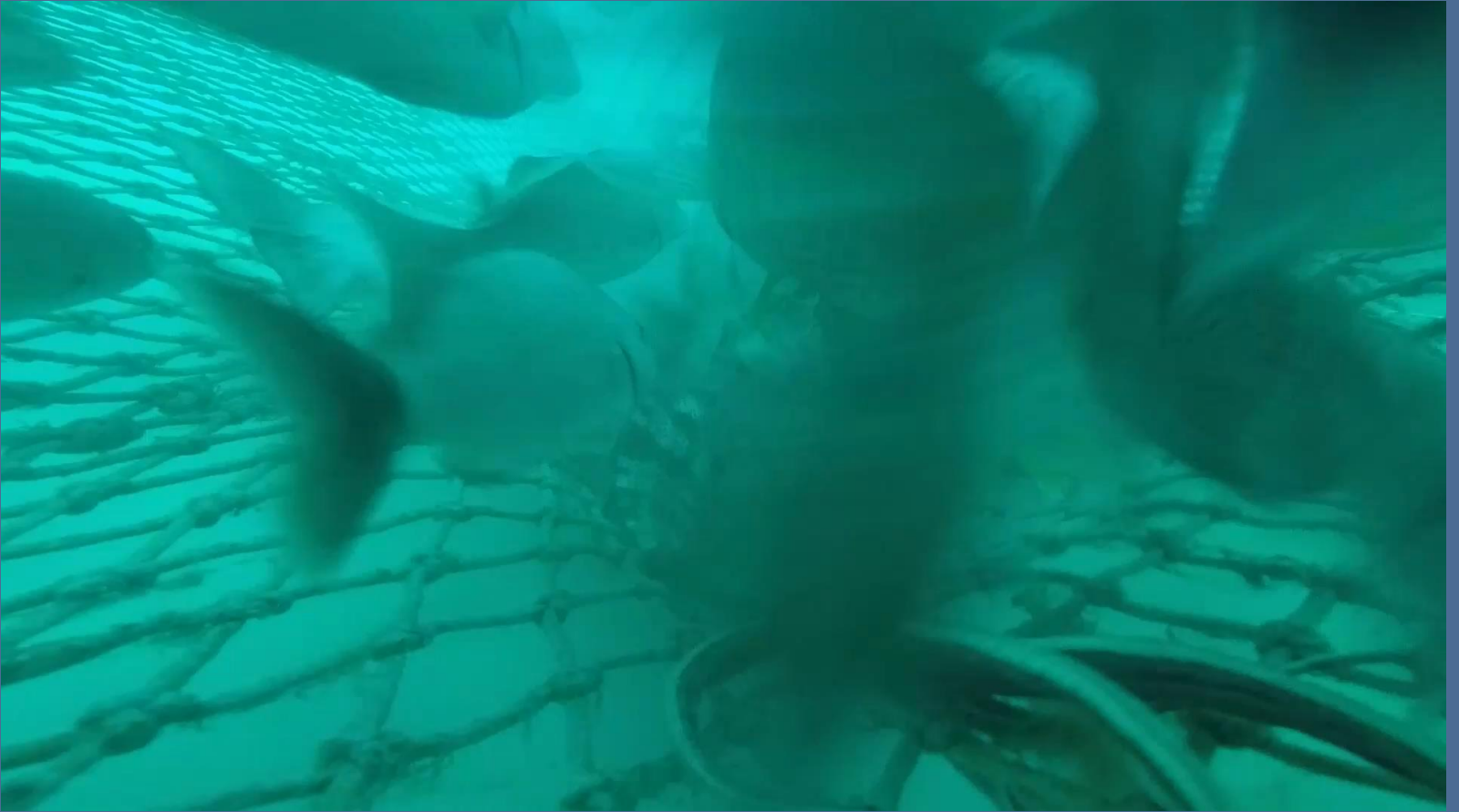


Average ray capture (count)











Awareness

WELCOME TO THE MARINE TURTLE NESTING BEACH

Marine Turtles:
Admire,
don't **DISTURB**



Wear dark clothes
(draag donkere kleding)



Keep 2 meters distance
(bewaar 2 meters afstand)



Guide required
(alleen met een gids naar het strand)



Use red light
(gebruik rood licht)



Maximum group size of 6
(maximale groepsgrootte 6 personen)

RULES for visiting a
Marine Turtle nesting beach



Stay quiet
(wees rustig en stil)



No campfire
(geen kampvuur)



No flash
(geen flits)



Do not 'help' hatchlings to the sea
(raak geen hatchlings aan)



Do not take anything from the beach
(neem niets mee van het strand)



Do not obstruct arriving or departing turtles
(belemmer de schildpad niet)



Do not touch the turtle
(raak de schildpad niet aan en zit er nooit op)



Do not litter
(laat geen afval achter)



Do not take or consume turtle eggs
(geen schildpad eieren rapen of eten)



Do not trample turtle nests
(ga niet op een schildpad nest staan)

